Philips
LCD widescreen monitor

49 cm (19.1") wide

WXGA+

190CW7CB

CERTIFIED FOR Windows Vista™

Best value for money widescreen LCD monitor

Enjoy more with this big widescreen! Experience multiple viewing experiences on a single screen with the Philips 190CW7's fast response time and convenient dual DVI and VGA connectors - all in one easy-to-use, highly affordable package.

Outstanding front of screen performance

- Big, wide screen: IM, write mail, watch videos on one screen
- 5ms fast response time
- WXGA+, wide format 1440 x 900 resolution for sharper display
- DVI-D input and HDCP support

Green design

- For your safety: Aerospace composite fire retardant case
- Lead-free design safeguards our environment
- Power consumption below the industry average

Great convenience

- Empowered for Windows Vista
- Dual input accepts both analog VGA and digital DVI signals
- One-touch brightness and contrast controls
- Embedded power supply eliminates external power adaptors
- Auto adjustment for perfect picture display with one touch

PHILIPS

sense and simplicity

Highlights

Widescreen design
A wide screen has a wider aspect ratio for displaying more entertainment or information to have more fun and get more done.

5ms on/off response time
On-Off response time is the period required for a liquid crystal cell to go from active (black) to inactive (white) and back to active (black) again. It is measured in milliseconds. Faster is better: Lower response time means faster transitions and, therefore, results in fewer visible image artifacts in the display of transition of texts and graphics. On-Off response time is a more important measure in the display of business content like documents, graphs and photos.

WXGA+ 1440 x 900 resolution
WXGA+ or Wide Extended Graphics Array plus is a standard indicating a graphics monitor's ability to display up to the resolutions 1440 by 900 pixels and supports simultaneous display of more than one million colors. WXGA allows monitors to be non-interlaced for better display performance and increased color accuracy.

HDCP ready
High-Bandwidth Digital Content Protection (HDCP) is a copyright protection system that is incorporated into the DVI connector. It helps stop unauthorized duplication of copyrighted content. HDCP allows you to play protected content media such as movies and concerts. It checks the signal to prevent piracy, allowing only legal copies of content to display.

Flame retardant cabinet
PC/ABS plastic composite is the industry's best and toughest flame-retardant casing material; and is a space-age compound deployed in the aerospace and automotive industries as well as in fire detectors that is compliant with most stringent fire safety standards.

Lead-free
Lead-free display products are designed and produced in compliance with strict European Community directives on Restriction of Hazardous Substances (RoHS) standards that restrict lead and other toxic substances that can harm the environment.

Lower power consumption
Reduction of the electrical power required to operate a device.

Windows Vista ready
Philips Vista-ready monitors are empowered for vibrant, exciting display of this new, visually sophisticated and demanding Windows operating system, designed to enhance your entertainment experience, make you more productive and help you control your computing experience at home and in the office, making viewing, finding and organizing information for work or play quick, efficient and easy.

Dual input
Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

Brightness and contrast button
Conveniently located buttons on the front bezel that provide one-touch brightness and contrast adjustments.

Embedded power supply
An embedded power supply is a power adaptor built into the body of a display device that replaces a bulky external power adaptor.

One-touch auto adjustment
The auto adjustment key restores optimal screen position, phase and clock settings with the press of a single button - without navigation through OSD menus and control keys.

WideScreen 5ms VGA dvi DualInput sRGB HDCP ready Flame Retardant Lead Free! energy ENERGY STAR

LCD widescreen monitor
49 cm (19.1") wide WXGA+

190CW7CB/96

Specifications

Picture/Display
- LCD panel type: 1440 x 900 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 19.1"/ 48.1 cm
- Effective viewing area: 408.2 x 255.2 mm
- Pixel pitch: 0.284 x 0.284 mm
- Brightness: 300 cd/m²
- Contrast ratio (typical): 800:1
- Display colors: 16.7 M
- Viewing angle: 160° (H) / 160° (V), @ C/R > 10
- Response time (typical): 5 ms
- Optimum resolution: 1440 x 900 @ 60 Hz
- Horizontal Scanning Frequency: 30 - 83 kHz
- Vertical Scanning Frequency: 56 - 76 Hz
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D
- Sync Input: Composite Sync, Separate Sync, Sync on Green

Convenience
- User convenience: On-screen Display
- Monitor Controls: Auto, Brightness (Left), Contrast (Right), Menu (OK), Power On/Off, Source Select
- OSD Languages: English, French, German, Spanish, Simplified Chinese, Traditional Chinese
- Other convenience: Kensington lock compatible
- Plug & Play Compatibility: DDC/CI, Windows 98/ ME/2000/XP/Vista
- Regulatory approvals: BSMI, TCO '03
- Tilt: -5° to 20°

Accessories
- Included accessories: AC Power Cord, DVI-D cable, VGA cable
- User Manual

Dimensions
- Box dimensions (W x H x D): 538 x 457 x 159 mm
- Box dimensions in inch (W x H x D): 21.2 x 18.0 x 6.3 inch
- Set dimensions (W x H x D): 450.3 x 319 x 64.25 mm
- Set dimensions in inch (W x H x D): 17.7 x 12.6 x 2.5 inch
- Set dimensions with stand (W x H x D): 450.3 x 387.5 x 167.7 mm
- Set dimensions with stand in inch (W x H x D): 17.7 x 15.3 x 6.6 inch
- MTBF: 50,000 (excl. CCFL 40,000) hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 0°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Product weight (+stand): 4.64 kg
- Product weight (+stand) (lb): 10.2 lb
- Weight incl. Packaging: 6.25 kg
- Weight incl. Packaging (lb): 13.8 lb

Power
- Complies with: Energy Star
- Consumption (On mode): 37W
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - green, Stand by/ sleep - Amber
- Power supply: Built-in, 100-240VAC, 50/60Hz

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